1.933 P8722 cop. 2

PART I

POWER DIVISION REPORT

for

FISCAL YEAR 1953

#### Generation and Transmission Loan Program

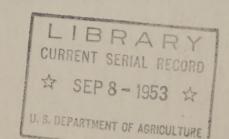
Generation and transmission loans made by REA during the year amounted to \$28,939,500 exclusive of loans made to distribution borrowers for transmission facilities. During the year REA rescinded generation and transmission loans totaling \$18,595,575.17, making the net amount loaned for generation and transmission \$10,343,924.83. Applications on hand for this type of loan totaled \$54,086,000 at the beginning of the fiscal year and \$101,783,600 at the end of the fiscal year.

The sum loaned for generation and transmission represented the smallest amount loaned for this activity since fiscal 1945, the primary reason being that early in the year the Administrator, due to the large demand for loans for all purposes, established a priority system for making loans which had the effect of deferring loans for generation and transmission except in cases where the facilities were urgently needed to maintain service. Loan requests were carefully scrutinized in regard to priority needs and many items requested by the borrowers were eliminated or deferred.

A loan in the amount of \$7,551,000 was made to one new power cooperative—Northwest Iowa Power Cooperative, Le Mars, Iowa. Loans in the amount of \$16,373,000 were made to eight existing power cooperatives—Dakotas Electric Cooperative, Inc., Edgeley, North Dakota; Southwestern Federated Power Cooperative, Inc., Creston, Iowa; Western Farmers Electric Cooperative, Anadarko, Oklahoma; Border Counties Power Cooperative, Inc., Warroad, Minnesota; L & O Power Cooperative, Rock Rapids, Iowa; Northeast Missouri Electric Power Cooperative, Palmyra, Missouri; Dairyland Power Cooperative, LaCrosse, Wisconsin; and Loup River Public Power District, Columbus, Nebraska. The balance of \$5,015,500 was loaned to seven distribution-type borrowers for new or additional generation facilities.

The loans made will provide for the construction of a 7500 kw addition to an existing steam plant, two new Diesel plants with a combined capacity of 2905 kw, the addition of a total of 19,800 kw to six existing Diesel plants, 1,337 miles of transmission line and related facilities.

Five loans totaling \$17,467,274.70 to power-type borrowers were rescinded in entirety—Farmers Electric Generating Cooperative, Inc., Old Dominion



The majority of apply of an angels fighter and the control of the Attended Timberg Lago Parce Corrective, Fallera, Windowsky Belleville desprise and Algorithm and Alg Bahatpaer 18 00 brano cos a resel des la fin 175 tel. Tit prillator besel erth

Electric Cooperative, Twin Valleys Electric Cooperative, Inc., South Texas Electric Cooperative, Inc., and Ark-La Electric Cooperative, Inc. Surplus funds in the amount of \$92,850.77 were rescinded for two power-type borrowers—Central Nebraska Public Power and Irrigation District and Fidelity Gas Company. The balance rescinded totaling \$1,035,449.70 involved four distribution—type borrowers.

In addition to the loans made, eight loan requests were disposed of without requiring loans. Several of these applications were disposed of by working with the borrowers and their budgets to develop means for accomplishing the required purposes without additional funds. One \$9,100,000 application from Pennsylvania was withdrawn by the prospective borrower as a result of the development of a plan to solve the power problem through the existing power suppliers. The other applications have either been revised and are still pending or were not needed.

## Generation and Transmission Construction

In most respects the progress of construction of generation and transmission facilities was satisfactory. There were some delays in construction due to such actions as (1) state commission and court action in Kentucky, (2) labor strikes in Missouri, and (3) inability to obtain certain equipment on schedule, but on the whole, construction rates were as good as could be expected. During the first part of the year the Controlled Materials Program was in effect. Borrowers received sufficient allotments of steel, aluminum, and copper to meet their construction schedules. However, there were some delays caused by inability to place orders for structural steel in the summer of 1952 even though allotments had been received, and delay in delivery of certain items of heavy electrical equipment required for substations and generating plants. In a few instances, assistance from DEPA and NPA resulted in improvement of delivery of equipment to several borrowers.

During the fiscal year borrowers placed in service 54,800 kw of additional generating capacity consisting of 39,000 kw of steam plant generating capacity and 15,800 kw of internal combustion plant generating capacity. Even though construction activities continued at a high level the total additional plant capacity placed in service during fiscal 1953 was considerably less than the additional capacity placed in service in each of the preceding three years. However, several plants and additions to plants, with an aggregate capacity of over 60,000 kw, were not placed in service in fiscal 1953 as originally scheduled but will go into service during fiscal 1954. The carry-over of this capacity, in addition to other capacity under construction which is scheduled to be in service during 1954, indicates that REA borrowers will place in service during fiscal 1954 more generating capacity than was placed in service during any previous year in REA history.

2-Power Davision Report for Miscal Tear 1953

Alocaria George State Valleys Stateful George State Inc., South Teres Electric George State Inc. South Teres Electric George State State Inc. South Teres Inc. Electric George State Inc. South Teres Inc. State Inc. South Teres Inc. State Inc.

description to the loans and a loan requests were disposed of without requiring loans. Several of there applications were disposed of by worlding the according to the property of the several of the property of the property of the selecting potter description to select of the property o

La more reactions as fill make the record to confidentiate of general one and representation of the contract o

relation to us to the place of being brewing the winds of being brewing the part of the property of the proper

The volume of construction of transmission facilities by power—type borrowers during fiscal 1953 was greater than any previous year. During the year 18 power—type borrowers completed a total of 2,944 miles of transmission line and installed 331,500 kva of substation capacity (exclusive of generating plant substation capacity). Of the total milage of transmission constructed during the year, 2,447 miles were 69 kv, 321 miles were 115 to 154 kv, and 176 miles were 44 and 34.5 kv lines. Not all of the miles of line constructed was placed in service during the year. The above breakdown by voltage shows the increasing percentage of lines being constructed at the higher transmission voltages—69 kv and above.

#### Technical Operations

Assistance to borrowers in the technical operation and maintenance of power facilities was provided on a more selective basis than for prior years. Such work was concentrated on those borrowers requesting our assistance and whose need was greatest. A thorough analysis of the monthly operating reports submitted by REA borrowers covering the technical operation of all generating plants and transmission systems was a guide in the selection of those borrowers where assistance on operation and maintenance was given and physical inspection of facilities made. Assistance was requested from and given to five cooperatives which started operation of steam generation plants. This assistance included selection of plant personnel, setting up operation and maintenance schedules, witnessing acceptance tests, etc. In two cases where serious breakdowns of generating facilities had occurred, our engineers were requested to help determine cause and extent of damage and establish preventive measures.

By witnessing acceptance tests and inspecting damaged equipment, our engineers were able to recommend to manufacturers the correction of certain basic design errors and the improvement of equipment. Most of our routine visits resulted in raising the general standard of operation and maintenance by assisting in the preparation of plant operating manuals, establishment of training courses for operating personnel and exchanging ideas on operation and maintenance methods. The fourth annual Generating Plant Operation and Maintenance Conference at Oklahoma City, Oklahoma, was attended by 75 representatives of our borrowers. Through special lectures and panel sessions attending plant superintendents were able to improve their knowledge and exchange ideas on special operating problems.

Further studies were made relative to the burning of heavy residual fuel oil in Diesel engines. Necessary improvements in the handling of this oil were made and are being incorporated in the two plants which are presently being converted to burning heavy fuel oil. This should result in better operation and reduction of maintenance cost.

Visits were made to several power-type borrowers to inspect transmission lines and substations, to assist in the establishment of adequate preventive maintenance, and to encourage the maintenance of adequate records and system maps.

The volume of equationated the constituted by power-type borrowers during fiscal 1953 was greated that any previous year. During the cost of the during first to the complete and antiquest of the constitution of the constitutio

## Tachmical Coccettons

Assistance to borrowers in the technical operation and minterance of power recilitates was provided on a more selective boats than for prior years. Such work was concentrated on those borrowers requesting our saviatance and whose need was greatest, a thorough analysis of the monthly operating reports submitted by ARA marrowers occaning the technical operation of all generating places and transminator dysums was a guide in the selection of those technology where assistance on operation and maintenance was given and placed inspection of facilities made. Analyzance was requested from and given to live composed times which started operation of stam generation plants. This assistance the tandaded selection of plant personnel, setting up operation and maintenance actables where carlows treated downs of generating facilities had occurred, our engineers were requested to help determine cause and extent of demagn and establish presentive measures.

By witnessing acceptance tests and inspecting damaged aquipment our engineers were able to remonshed to manufacturers the correction of certain beard design or forest and the improvement of aquipment. Nost of our routine vicits resulted in tailaing the general standard of operation and maintenance by essisting in preparation of plant operating manuals establishment of training convocation operation and requirements for operating personnel and exchanging ideas on operation and maintenance Contarence at Objects four to annual Generating Flant Operation and Maintenance Contarence at Objects (ity, Oblahoms, was strended by 75 representatives of our tours are all of the converse that is annual descriptions are strending plant ruper-located wars able to improve their knowledge and axchange ideas on special operation problems.

Further studies were made relative to the bunding of nearly residued for in Diesul engines. Mecassary improvements in the hindling of this oil were made and are being incorporated in the two plants which are presently have couracted to bunding nearly first oil. This should result in better operation and reduction of maintenance cost.

Visits were rade to several power type borrowers to inepact transmission incentive mainand substations to sector in the establishment of adequate records and system rape. Upon request by two borrowers, our engineers assisted in analyzing and in effecting the correction of inherent manufacturing errors in power transformers and other equipment to eliminate costly power failures.

Assistance was given to borrowers in solving short circuit problems by analyzing these problems with a D-C calculating board, and in witnessing and analyzing complete A-C board studies.

#### Standardization

Very good progress was made in steam plant standardization during the past fiscal year. Ten steam plant equipment standards and two standard one-line diagrams have been completed during the year. Seven of the standards were approved for use by REA borrowers, and five were issued in printed form. Included in the five equipment standards published is the first standard specification ever issued, to our knowledge, for the competitive purchase of steam generators. The possibility of writing such a standard was always questioned throughout the engineering profession and the power industry has always been skeptical of this possibility. Comments which we have received from the manufacturers of steam generator equipment have been extremely favorable to the printed specifications they have received.

Two more equipment standards have been completed in draft form and submitted to the principal manufacturers of the equipment for comments and review. A third equipment standard has been approved by the manufacturers and will be submitted to the Technical Standards Committee "A" for final REA approval.

A start has now been made on standardized specifications for construction contracts. This type of standardization will have even wider benefits than the equipment standardization which has hitherto been undertaken and is still in progress. This is because standard construction specifications will assist all bidders to submit close bids at less cost to themselves, will reduce the manpower requirements of both borrowers' consulting engineers and of the REA staff, and will contribute to more economical construction and more efficient supervision of construction. The standard construction specification now in hand is to be used on contracts of the electrical installation type.

Prior to this fiscal year six equipment standards had been completed. However, five of the standards did not include equipment for both the smallest and the largest steam turbine generators used in REA practice and therefore required revision. Two of these standards have now been so revised and issued, whereas three are in final stages of completion before final adoption as standards. No work has been done on steam plant construction standards prior to this year.

Contemplated at the present time for standardization are (a) three equipment specifications, one of which has been started in a preliminary way; (b) two construction specifications on which no work has been done; and (c) two layouts

Upon request by two borrowers our engineers assisted in analyzing and in effecting the correction of innerent manufacturing errors in power transformers and other equipment to eliminate costly power failures.

Assistance was given to borrowers in solving short circuit problems by analyting those problems with a D-C calculating beard, and in witnessing and analyzing complete a-C board studies.

## Standard Lablon

Very good progress was made in clean plant standards and two standard one-line fiscal year. Ten steam plant equipment standards and two standard one-line diagrams have been completed during the year. Seren of the standards were approved for use by ALL borrowers, and five were issued in printed form, included in the five equipment standards published is the first standard specification ever issued, to our knowledge, for the competitive purchase of steam generators. The possibility of writing such a standard was always each throughout the engineering profession and the power industry has always been aleptical of this possibility. Comments which we have received always been aleptical of this possibility. Comments which we have received from the manuscriters of steam generator squipment have been extremely favorable to the printed specifications they have received.

Two more equipment standards have been completed in draft form and substitute to the principal manufacturers of the equipment for comments and review. A third equipment standard has been approved by the manufacturers and will be substitud to the Technical Standards Committee "A" for that SEA approval.

A start had now been made on etuniardized specifications for construction contracts, This type of standardization will have even wider benefits than the equipment standardization which has bitherto been undertaken and is still to progress. This is because standard construction specifications will essist in progress to submit along and at less cost to themselves, will reduce the manpower requirements of both borrowers' consulting engineers and of the REA staif; and will contribute to note standard construction and more efficient supervised of construction specification now in hand is to be used or contracts of the siscifical installation type.

Prior to tale fiscal year six squipment standards had been completed. However, fire of the standards did not include equipment for both the smallest and the fire of the standards used in RNA practice and therefore required largest etcas twiting five generators used in RNA practice and therefore required revision. Two of these standards have now been so revised and insued, whereas the same in final stages of completion before final adoption as standards. No work has been done on steam plant construction standards grior to this year.

Concemplated at the present time for standardization are (a) three equipment appointment way; (b) two appointments one of which has been started in a preliminary way; (b) two construction specifications on which no work has been done; and (c) we larredte

for complete, standardized power stations for which preliminary sketches have been made. To complete this work in a reasonable period of time, concentrated effort will be required during the forthcoming fiscal year.

#### Power Supply

With the continuing rapid addition of generation facilities by many power suppliers, capacity problems of REA borrowers have eased to some extent. There remain some borrowers for which power supply problems exist although, until now, these systems may have been able to obtain adequate power from municipalities or isolated utility systems. In other areas loads are developing where no adequate supply is yet available. As consumption of electricity increases, small municipal plants or isolated private utility systems become less dependable for assured power supply and other sources must be secured. Energy requirements for 1953 were 20% greater than in 1952. The following summary indicates the scope of some of the problems associated with the procurement of power for REA borrowers.

In the New England states power costs are continuing to increase and thereby handicapping the widespread use of electric power by rural consumers.

In Pennsylvania new power contracts were negotiated with three of the major power suppliers which supply the requirements of thirteen REA borrowers. Based on 1952 purchases, these contracts will result in approximately \$230,000 annual savings to these borrowers. In addition, the new contracts provide for the construction by power suppliers of all transmission facilities necessary to supply adequate service at future load centers. In Virginia contract negotiations have been concluded, enabling 11 borrowers to purchase energy from Southeastern Power Administration by wheeling over Virginia Electric and Power Company lines. Because of limited capacity of SEPA generating facilities, new contracts have also been negotiated with VEPCO under which VEPCO will supply the borrowers' requirements in excess of SEPA supply. Savings under the new SEPA contracts will amount to \$67,000 annually based on 1952 purchases. Negotiations are now under way for similar contracts with SEPA and VEPCO for five borrowers in North Carolina. Borrowers have also received rate reductions in Ohio and Michigan because of continued power supply study and negotiation on a group basis.

On June 24 the Public Service Commission of Kentucky, after reviewing the case involving the East Kentucky Rural Electric Cooperative Corporation which was remanded to the Commission by order of the Court of Appeals, has granted the power cooperative a certificate of convenience and necessity authorizing the cooperative to construct, operate, and maintain the remaining part of the 597 miles of transmission lines not previously authorized. The Commission ruled that the company's lines which might be duplicated were already overloaded and that "they could not be economically tapped or were inadequate in capacity."

for complete, standardised nower stations for which recliminary distance for complete a size work is a reasonable period of size, concentrated affort will be resulted during the forescential fixed very

## Power Supply

With the continuing rapid addition of penerauca facilities by many power suppliers, uspecity problems of All berrowers have each to some extent. There remain some berrowers for which youer supply problems exists although until now, there systems may have been able to obtain adequate power from municipalities or isolated untility systems. In other areas loads are developing where no adequate supply as yet available. As consumption of electricity induces supply systems or included grivate untility exists become less dependable for assured power supply and other sources aparted. Epsity inquirements for 1953 who 205 greates than in much be secured. Epsity induces the source into its file following summary induces the source of some of the problems associated with the procurement of power for All borrowers.

In the New England states power oc. to are continuing to invrease and thereby handlospying the videspread use of electric power by rural constances.

In Pennsylvania new power continuous were negotiated with three of the sajor yours suppliers within aught the requirements of thirtiesh REA borrowers.
Press on 1952 parchases, these constants will result in approximately \$230,000 annual carriags to these horrowers. In addition the new contracts provide for the constantian by power suppliers of all transmission facilities recessary to supply adequate service at luture less centers. In Virginia contract negotiations have been concluded, emabling II borrowers to purchase contract negotiations there have the limits of thirties and Fower themselves thinking over this limits alsowing of this province and Fower themselves of limited capability of the power also been negotiated with VERCO muder which VARCO will stopply the borrowers requirements in excess of SEPA capably. Savings under the new SEPA contracts will amount to \$67,000 annually based on 1952 purchases. Magnifeliations are now under way for similar contracts with SEPA and VERCO for five torrowers in North Carolina. Norrower also received rate reductions in Ohio and North Carolina. Norrower also received rate reductions on a group basis.

On June 24 the Public Service Commission of Kontucky, after raviouing the case involving the East Kentucky Rural Electric Cooperative Corporation which was remanded to the Commission by order of the Court of Appeals, has greated the power cooperative a certificate of convenience and necessity authorizing the cooperative to construct, operate, and maintain the remaining part of the 597 miles of transmission lines not previously authorized. The Commission roled that the company's lines which might be duplicated were already overloaded and that "they sould not be economically tapped or were insdequate in capacity."

In the southeast several major developments occurred in fiscal 1953. Following an application of the Seminole Electric Cooperative for a generation and transmission loan, the Florida Power Corporation offered the member distribution cooperatives of the Seminole cooperative, as well as other cooperatives it serves, an life rate reduction. The Florida Power and Light Company has also offered a similar reduction to the cooperatives it serves. Eleven cooperatives will be affected if this offer receives the necessary approval. The Georgia cooperatives have been negotiating with the Southeastern Power Administration for the delivery of Clarks Hill power. The means of making Clarks Hill Power available to the preference consumers in Georgia has been subject to considerable controversy, and to date no solution has been worked out. If suitable arrangements are made approximately 70,000 KW of capacity would be available to preference consumers in Georgia from Clarks Hill.

Construction of transmission facilities by the Central Electric Power Cooperative in South Carolina is nearing completion. Central's rate of 6.2 mills per kwh offers a 17.3% reduction in power cost to the cooperatives to be supplied.

The Central Power Electric Cooperative of Minot, North Dakota, which began operating in mid 1952, has executed contracts for the sale of surplus energy to Ottertail Power Company and Minnkota Power Cooperative. These contracts enable Central to make more efficient use of its units and also enable the three parties to provide standby for each other.

The first section of the Bureau of Reclamation's 115 kv transmission loop in eastern South Dakota has been energized, enabling 4 of the 20 members of the East River Electric Power Cooperative to receive service. Energy is purchased from Northern States Power Company. Upon completion of Fort Randall Dam, the entire requirements of the members will be supplied by the Bureau of Reclamation.

The Bureau of Reclamation's 115 kv line between Rapid City and Midland, South Dakota, has been used by the Rushmore G & T Electric Cooperative since February 1953, in order to bring power in from the Black Hills Power and Light Company to relieve the power shortage of the West Central Electric Cooperative.

This past year there existed a close capacity load relation in Arizona, New Mexico, and sections of Texas due, in part, to the draught conditions which adversely affected hydroelectric generation. This condition was greatly aggravated by increasing irrigation and air conditioning loads. The critical capacity load situation has made imperative the closest cooperation between all suppliers. Wherever cooperative action could be taken by REA borrowers in the area, it has been done. In New Mexico the probable

The second of th

the second of the second

The second of the serve that the

Single Control of the C

A LA CAMBRA A CAMBRA CAMBRA A LA LA CAMBRA C

สาราบาน (ค.ศ. 2004) (ค.ศ. 20

solution of the power supply problems of several cooperatives awaits completion of the generation station of the Plains Electric Generation and Transmission Cooperative. When this plant goes into operation, it will generate in the existing Texas-New Mexico pool making off-peak or emergency power in the plant available to the Bureau of Reclamation.

In the section of Texas east of El Paso, loads are developing for which no adequate, low-cose supply is yet available.

In the intermountain area, no satisfactory solution has as yet been developed to economically obtain the power needed for many of the REA borrowers to supply electric service in certain rural areas. It is anticipated that load growth of several cooperatives in Nebraska, Colorado, and Wyoming will be of such magnitude that the Bureau of Reclamation will not have sufficient capacity to provide the cooperatives entire requirements by 1956. For this reason, the interested cooperatives have organized the Tri-State Generation and Transmission Association for the purpose of jointly solving their power supply problems.

The Chugach Electric Association has completed its steam generating plant which has relieved the critical power supply situation in the Anchorage and Matanuska areas of Alaska.

The suit brought by ten power companies doing business in Missouri and contiguous states for an injunction against the Administrator, the Secretary of Agriculture and other officials of the Government to prevent further proceeding by REA in regard to loans for certain REA cooperatives generation and transmission facilities, which involve lease option and power contracts between the same cooperatives and the Southwestern Power Administration, was filed in the U. S. District Court for the District of Columbia in October 1950. Trial was held in October 1952 on the issue of legality of various contracts between the cooperatives and the U. S. Government. A decision was rendered on June 17, 1953, holding contracts were legal in all respects.

# General Management

During the current fiscal year advice and assistance was rendered on the general management of 37 power-type borrowers, 29 of which are in an operating stage, 4 in an initial construction stage, and 4 in a preconstruction stage. Field visits were made to 25 of these borrowers and detailed assistance was given on organization patterns, cooperative principles, member and public relations, sales of property, disposal of excess materials, internal controls, rate studies, development and adoption of cooperative policies, long-range financial planning, maintenance of records, preparation and installation of operating budgets, investment of surplus general funds, and power use programs.

elgron state sevitaregons fareves to puelfor origine aveits no not to cot to cot the generation and trace. The generation of the plants were into operation, it will generate the character forms that plant were into operation of the election ferms. We derically not making off peak or energiately power in the plant available to the Hursin of Realsaction.

in the section of Teras each of il Paso, trade are developing for which no categorie, low-come supply is yet available.

In the intermoining area, so series converted has as yet been inveloped to concern cally obtain the power needed for many of the All corrovers to exprise electric service in certain retain areas. It is antidipated that load erous crown of several cooperatives in Sebraska, Colorado, and Symming will be of season and appoint the bases of Sechanation capacity to provide the cooperatives entire requirements by 1956. For this reason, the interpretation corporatives have organized the Tri-State Concretion and Transmission association for the purpose of jointly solving their power augusty problems.

The Chuganh Misetric Association has completed its steam generating plant which has relieved the critical power supply situation in the Anchorage and Makemuska areas of Alaska.

The suit brought by ten power companies deing business in Missouri and contiguous states for an injunction exames the administrator, the Secretary
of Agriculture and other officials of the Covernment to prevent forther
proceeding by disk in regard to loans for derivan EMA comporatives' generation
and transmission isolitates, which involve lease option and power contracts
between the same compensatives and the Southwestern Power administration, was
faled in the U. S. District Court for the District of Columbia in Detable 1950
Trial was held in October 1952 on the issue of legality of various centracts
between the compensatives and the U. S. Dovernment, a decision was randered
on dues 17, 1953, helding contracts were legal in all respects.

# Seneral Management

During the convent fiscal year advice and sectorated was rendered on the general amosgmanat of 37 power-type horrowers. 29 of which are in an operation stage, and h is a preoperation stage. Item is initial construction stage, and h is a predetailed availation was given on organization patients, dospositive principles, member and public relations, sales of property, disposal or
extens asterials, internal controls, rate studies, development and adoption of recoverative publisher, long-range from the planeing, maintenance
of recoverative publisher, long-range from of operating padrets, investment
of secretar preparation and installation of operating padrets, investment
of secretar graneral funds, and power use programs.

Accounting activities included the processing of 205 financial requirement statements, 318 expenditure reports, and 120 final inventories. In addition, there was a large volume of correspondence on accounting problems and nine field visits were made to advise borrowers on proper methods of clearing suspense inventory balances, maintenance of construction budgets, transfer of completed construction costs to the plant accounts, and special accounting problems relating to cooperatives having operating agreements with SPA or commercial utilities.

The past fiscal year marked significant progress in the continued standardization of formalized management tools for the more effective rendering of general and operating advice and assistance to the power borrowers. During the year, detail work on a standard construction budget format was substantially completed and the initial installation of this new system of loan fund control was made; work on the programmed series of comprehensive management surveys was continued—two of which are 90% complete; and a much needed revision of REA's depreciation manual and generation and transmission units of property reached the stage of being forwarded to selected borrowers for comment. In addition, an intensive program directed toward impressing the borrowers with the need, value, and method of development of formal, written policy records was undertaken as a part of the over-all management program for the power-type borrowers.

The third annual week long conference for board members and managers of the power borrowers was sponsored, arranged, and conducted with excellent, and, we believe, lasting results. As was the case in the previous year's conference, a considerable part of the program dealt with power-type borrowers' power use activities which subsequently resulted in the installation of active power use programs by 13 borrowers.

All but one of the borrowers were meeting current debt service obligations and the one delinquent borrower became current during the first week of 1953. Six borrowers ended the year with advance payments totaling \$1,217,771.67.

Accounting activities included the processing of 305 francial requirement attacements, 315 expenditure reports, and 120 fined inventuries. In addition there was a large volume of correspondence on accounting problems and when field visits were made to advise berrowsts on proper retards of clearing suspense inventory believes, anthonous of completes construction bedgets, transfer of completes construction contrate to the plant accounts, and special accounting problems relating to corporatives having operating agreements with SPA or conscretel utilities.

The past fiscal year marked augustess to the nore effective rendering of general and oteralized augustes and seciations to the power borrowers. During the year detail work on a standard dometriation budget forces was substead that ly completed and the initial installation of this new system of loan fund control was made; on the property of the powers and a much needed sent to of Edit a depreciation and you complete; and a much needed revised of Edit a depreciation marked and property resched the stage of being forwarded to selected borrowers for the property resched the stage of being forwarded to selected borrowers for comment. In addition, an intensive program directed toward impressing the borrowers with the need, value, and strind of development of formal, written golicy records was undertaken as a part of the over-all management program for the power-type borrowers.

the third annual west long orbits end to board members and canada members of the power introvers was appreciate, and conducted with excellent, and we believe, lasting results. As was the oase in the previous year's conference, a considerable part of the program dealt with power-type borrowers fower are activities which reducedly resulted in the incisitation of active power cas programs by 13 berrowers.

All but one of the borrowers were meeting ourrent deat service obligations and the one delinquent borrower because ourrent during the first week of 1953. Bur borrowers ended the year with advance payments lotaling (1, 217, 77), or.